

APPENDIX F

MID-COAST COUNCIL
29 MAR 2017
RECORDS

SIDRA RESULTS

MOVEMENT SUMMARY

Site: Kularoo Dr & Karlolo St AM

Giveway / Yield (Two-Way)

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flow veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Back of Queue Distance m	Prop. Queued	Effective Stop Rate per veh	Average Speed km/h	
South: RACF												
1	L	4	2.0	0.006	8.3	LOS A	0.0	0.1	0.30	0.58	42.7	
3	R	1	2.0	0.006	8.6	LOS A	0.0	0.1	0.30	0.67	42.6	
Approach		5	2.0	0.006	8.4	LOS A	0.0	0.1	0.30	0.60	42.7	
East: Kularoo Dr												
4	L	4	2.0	0.088	7.4	LOS A	0.0	0.0	0.00	1.16	48.6	
5	T	165	2.0	0.088	0.0	LOS A	0.0	0.0	0.00	0.00	60.0	
Approach		169	2.0	0.088	0.2	NA	0.0	0.0	0.00	0.03	59.7	
West: Kularoo Dr												
11	T	108	2.0	0.068	0.7	LOS A	0.4	2.9	0.31	0.00	54.2	
12	R	14	2.0	0.068	8.5	LOS A	0.4	2.9	0.31	1.00	48.7	
Approach		122	2.0	0.068	1.6	NA	0.4	2.9	0.31	0.11	53.6	
All Vehicles		297	2.0	0.088	0.9	NA	0.4	2.9	0.13	0.07	56.6	

Level of Service (LOS) Method: Delay (RTA NSW).

Vehicle movement LOS values are based on average delay per movement

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA: Intersection LOS and Major Road Approach LOS values are Not Applicable for two-way sign control since the average delay is not a good LOS measure due to zero delays associated with major road movements.

SIDRA Standard Delay Model used.

MOVEMENT SUMMARY

Site: Kularoo Dr & Karlolo St PM

Giveway / Yield (Two-Way)

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flow veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Queue Distance m	Prop. Queued	Effective Stop Rate per veh	Average Speed km/h	
South: RACF												
1	L	4	2.0	0.005	7.8	LOS A	0.0	0.1	0.16	0.58	43.2	
3	R	1	2.0	0.005	8.1	LOS A	0.0	0.1	0.16	0.68	43.0	
Approach		5	2.0	0.005	7.9	LOS A	0.0	0.1	0.16	0.60	43.2	
East: Kularoo Dr												
4	L	3	2.0	0.032	7.4	LOS A	0.0	0.0	0.00	1.13	48.6	
5	T	59	2.0	0.032	0.0	LOS A	0.0	0.0	0.00	0.00	60.0	
Approach		62	2.0	0.032	0.4	NA	0.0	0.0	0.00	0.06	59.3	
West: Kularoo Dr												
11	T	160	2.0	0.091	0.2	LOS A	0.5	3.7	0.18	0.00	56.6	
12	R	11	2.0	0.091	8.1	LOS A	0.5	3.7	0.18	1.11	48.5	
Approach		171	2.0	0.091	0.7	NA	0.5	3.7	0.18	0.07	56.1	
All Vehicles		238	2.0	0.091	0.8	NA	0.5	3.7	0.13	0.08	56.5	

Level of Service (LOS) Method: Delay (RTA NSW).

Vehicle movement LOS values are based on average delay per movement

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA: Intersection LOS and Major Road Approach LOS values are Not Applicable for two-way sign control since the average delay is not a good LOS measure due to zero delays associated with major road movements.

SIDRA Standard Delay Model used.

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SIDRA INTERSECTION 5.1.13.2093

Project: F:\WORK12\12146 - PACIFIC CAPE KULAROO DRIVE, FORSTER\MODELLING\Kularoo Dr and Karloo

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8000272, TRANSPORT & TRAFFIC PLANNING ASSOCIATES, SINGLE

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INTERSECTION

D) Basix Certificate Apartments - Basimax